

FIG 1

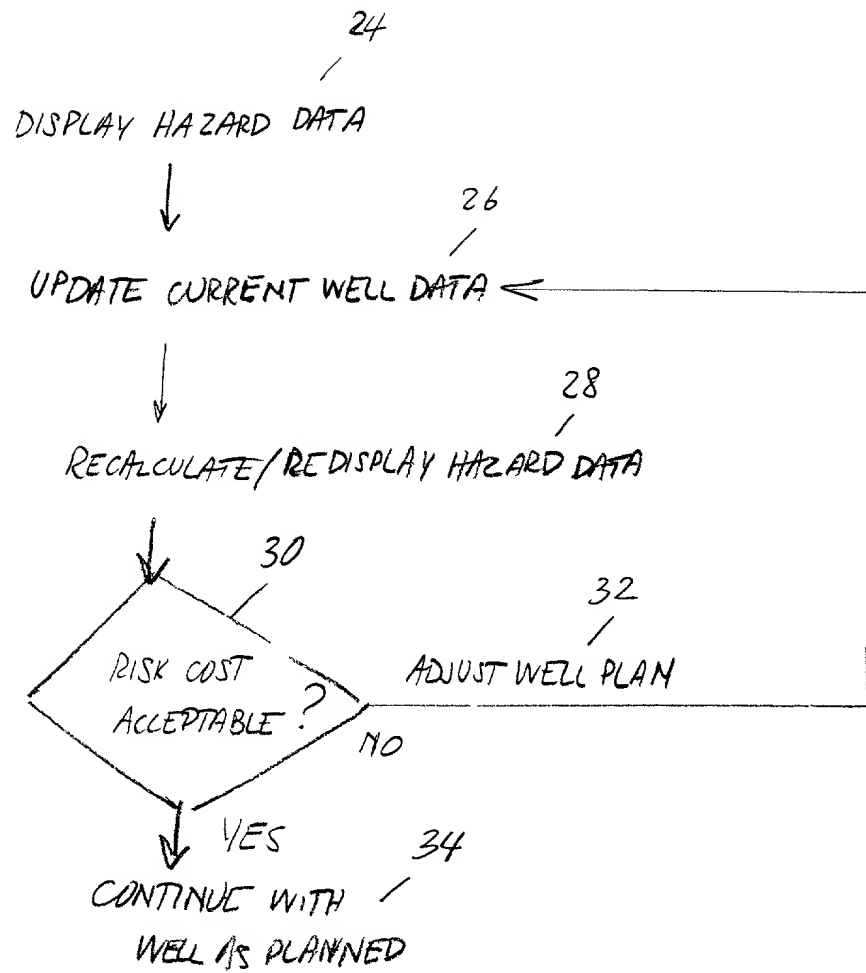


FIG 2

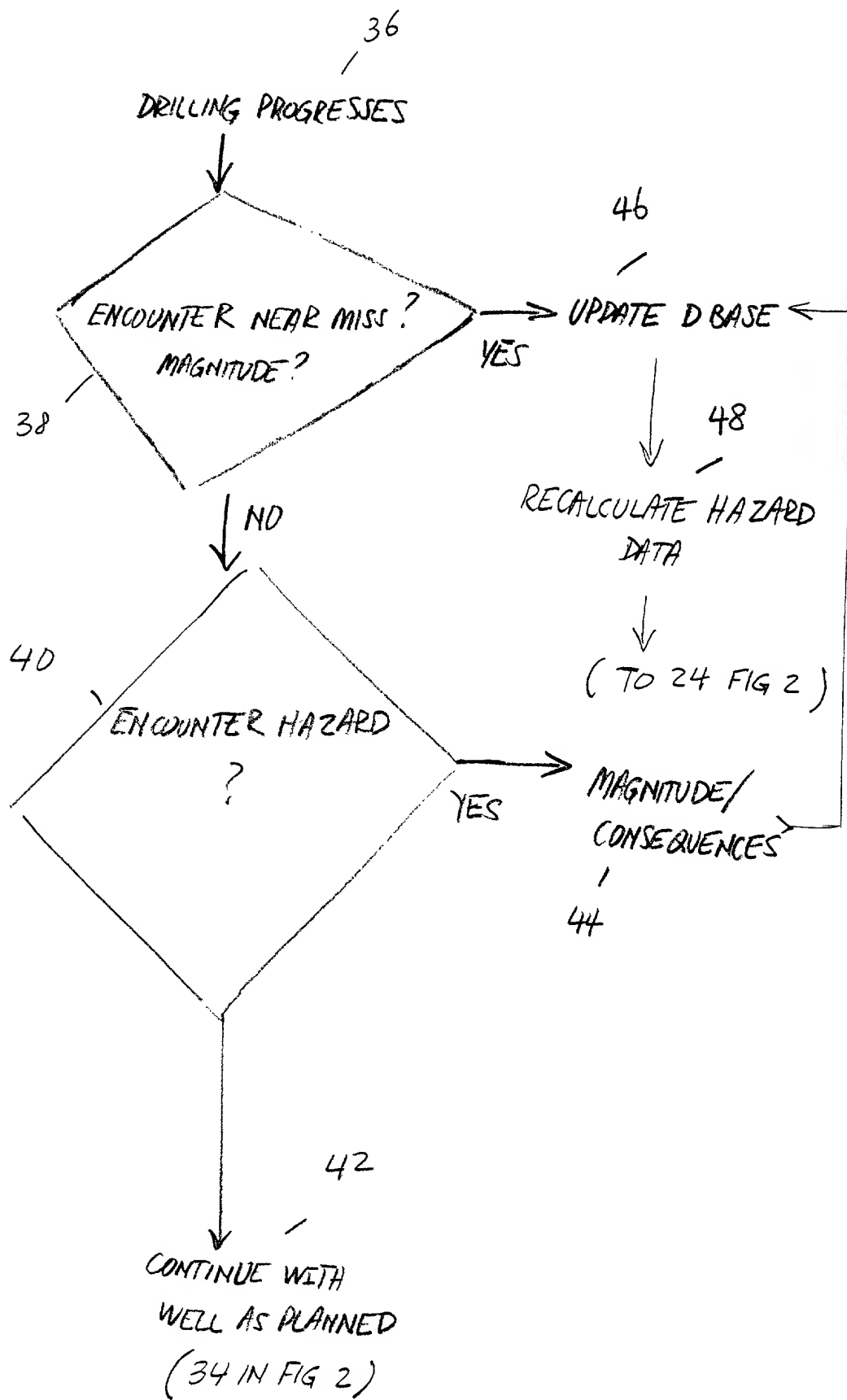


FIG 3

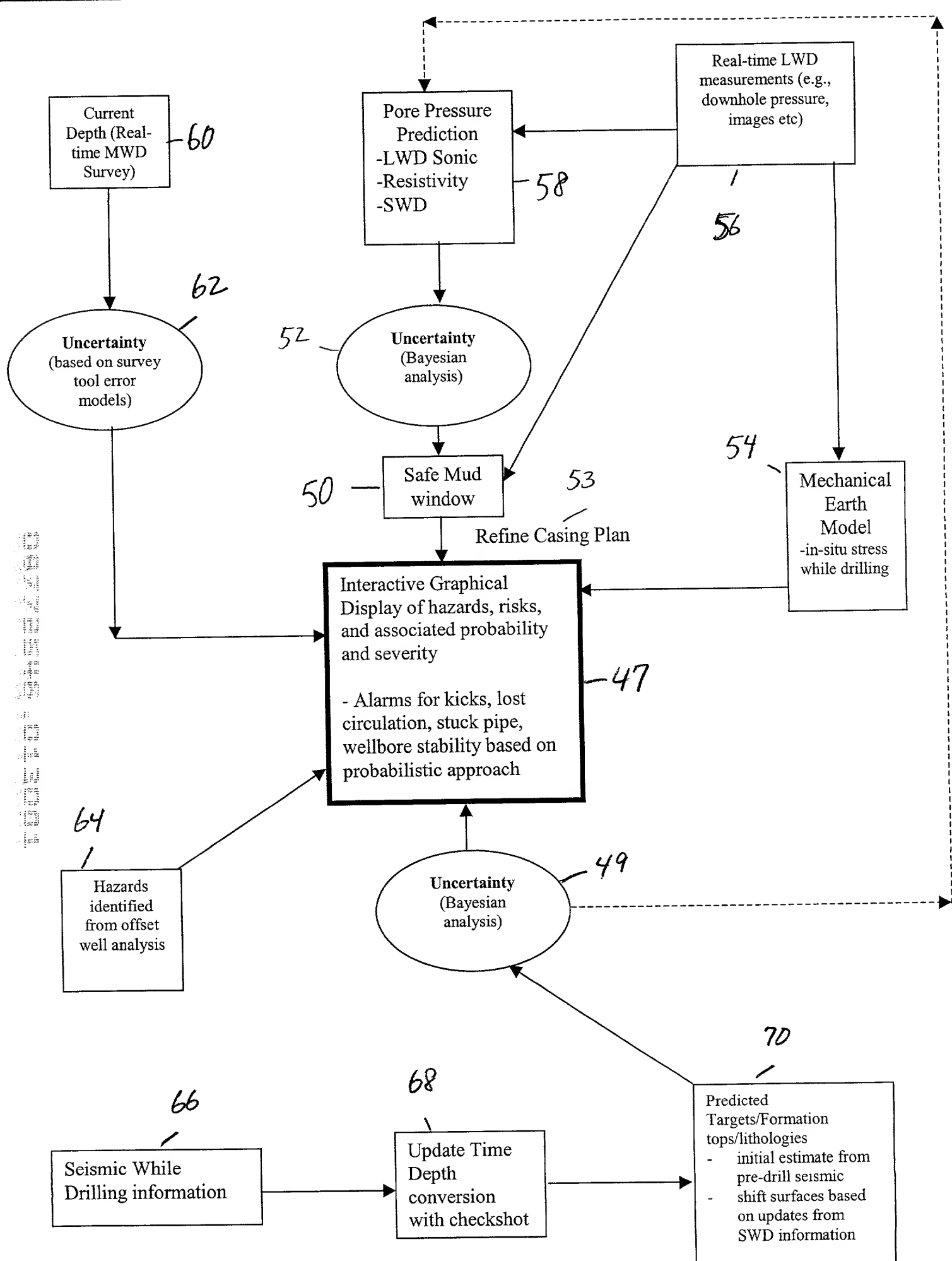


FIG 4

Depth (Metres)

MDbrt TVDbrt

0	
100	
200	200
300	300
400	400
500	500
600	600
700	700
800	800
900	900
1000	

FIG 5

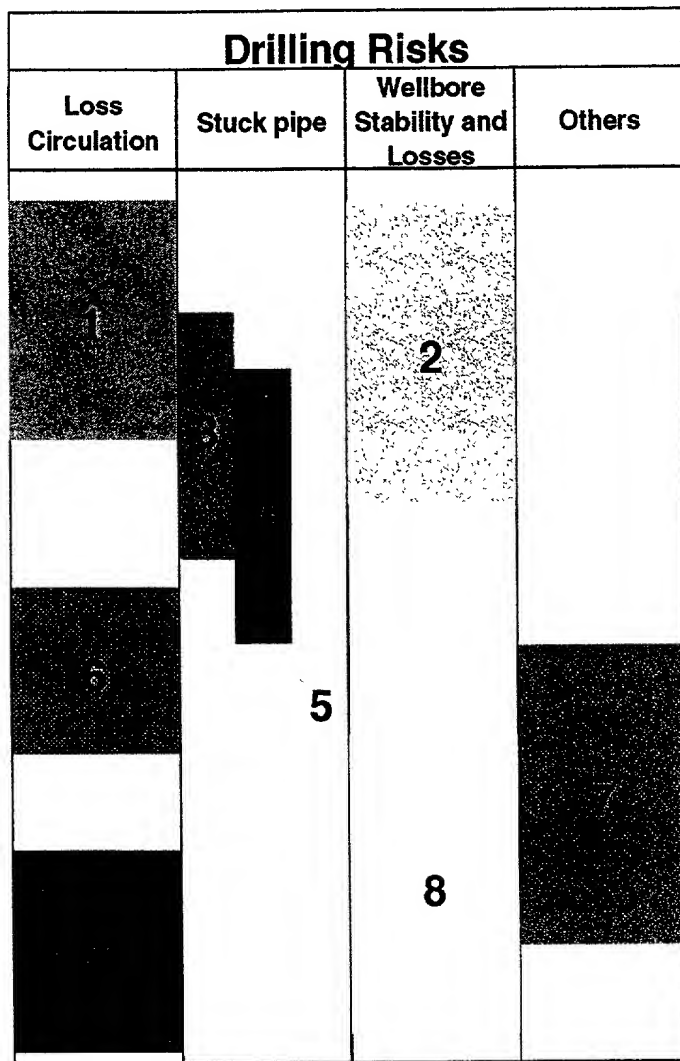


FIG 6

1 -	1350 - 1650 m	1103 - 1253.5 m	1) Potential MUD LOSSES using 1.65sg mud weight.	<ul style="list-style-type: none"> - Keep ECD low - Observe for losses - LCM may be necessary - Maintain good hole cleaning
2 -	1025 - 1900 m	941 - 1394 m	2) Well Inclination between 55-65 deg. Possible AVALANCHING cuttings beds.	<ul style="list-style-type: none"> - Ensure good hole cleaning and careful tripping of BHA through and below this zone.
3 -	1675 - 1828 m	1266 - 1351 m	3) Potential MUD LOSSES if ECD exceeds 1.68sg	<ul style="list-style-type: none"> - Keep ECD low (<1.68sg) - Observe for losses - LCM may be necessary
4 -	1850 - 2070 m	1364 - 1505 m	4) Potential BREAKOUT using 1.65 sg mud weight	<ul style="list-style-type: none"> - Monitor caving volumes - Observe caving morphology - Avoid swabbing during TOH - Good hole cleaning important
5 -	1980 - 2505 m	1444.5 - 1844.5 m	5) Potential losses due to FAULT ZONE	<ul style="list-style-type: none"> - Keep ECD below 1.70sg. - Monitor mud losses carefully. - Monitor for fracture related cavings. - An increase in mud weight NOT recommended due to destabilisation of failed material across fault zone. - Do not rotate BHA across fault zone.
6 -	1990 - 2070 m	1450 - 1500 m	6) Possible Bedding Parallel Formation Failure. High volumes of cavings, danger of packoff	<ul style="list-style-type: none"> - Monitor caving morphology for bedding parallel failure - Maintain good hole cleaning, reduce ROP if caving volume becomes excessive with increased hole cleaning. - Do not increase mud weight
7 -	2725 - 2850 m	2040 - 2157 m	7) Potential BREAKOUT using 1.65 sg mud weight	<ul style="list-style-type: none"> - Monitor caving volumes - Observe caving morphology
8 -	2883 - 2925 m	2189 - 2228 m	8) Potential mud losses in fractured Balder/Sele if ECD exceeds 1.68 sg.	<ul style="list-style-type: none"> - Keep ECD low (<1.68 sg) - Observe for losses - LCM may be necessary

FIG 7

Safe Mud Window

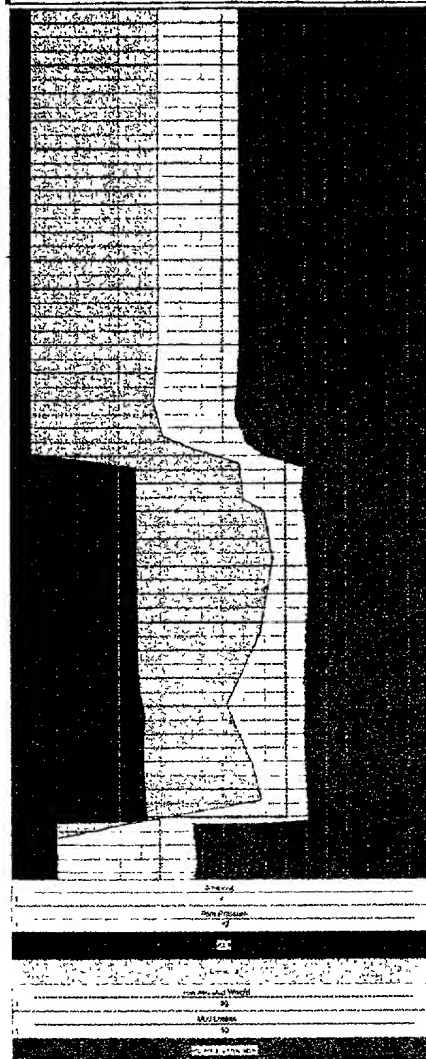


FIG 8